

# INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT NO.  
032425-001APPLICATION NO.  
09/132,321APPLICANT  
Marshall S. HORWITZ et alFILING DATE  
August 11, 1998GROUP  
~~1632~~ 1636

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JS	4 618 578	10/1986	Burke et al			
JS	4 338 397	7/1982	Gilbert et al			
JS	4 631 211	12/1986	Houghten			
JS	5 223 409	6/1993	Ladner et al			
JS	4 722 848	2/1988	Paoletti et al			
JS	4 642 333	2/1987	Person			
JS	4 366 246	12/1982	Riggs			
JS	5 338 665	8/1994	Schatz et al			
JS	4 959 312	9/1990	Sirotkin			
JS	4 321 365	3/1982	Wu et al			

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	3546806 C2	3/1991	Federal Republic of Germany				✓
	3546807 C2	3/1991	Federal Republic of Germany				✓
	3590766 C2	1/1991	Federal Republic of Germany				✓
	<del>2579618 A1</del>	<del>10/1986</del>	<del>France</del>				✓
JS	2183661 A	6/1987	United Kingdom				
JS	0130756 B1	1/1985	Europe				
JS	0247647 B1	12/1987	Europe				
JS	0680517 B1	11/1995	Europe				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Hoffman, ANNUAL REVIEW OF PHYSICAL CHEM., 26:123-144 (1975)
	Horwitz et al., MOL. EVOL. ON RUGGED LANDSCAPES, 9:255-263 (1991)
EXAMINER	DATE CONSIDERED
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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JSB	4 879 219	11/1989	Wands et al			
JSB	4 634 678	1/1987	Salstrom et al			

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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JSB	0251446 B1	1/1988	Europe	—	—		

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JSB	Borrias et al., VIROLOGY, 70: 195-197 (1976)
JSB	Botstein et al., SCIENCE, 229(4719): 1193-1201 (1985)
JSB	Broach et al., CELL, 29: 227-234 (1982)
JSB	Buell et al., NUCLEIC ACIDS RESEARCH, 13(6): 1923-1938 (1985)
JSB	Busby, J. MOL. BIOL., 154: 197-209 (1982)
JSB	Champoux, JOURNAL OF MOLECULAR AND APPLIED GENETICS, 2(5): 454-464 (1984)
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JSB	Eisenbeis et al., PROC. NATL. ACAD. SCI. USA, 82: 1084-1088 (1985)
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JSB	Fox et al., SCIENCE, 160: 547-548 (1968)
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BB	Lim et al., BIOCHEMISTRY, 31(17): 4324-4333 (1992).
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BB	Milkman et al., SCIENCE, 221: 378-380 (1983).
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BB	Traboni et al., NUCLEIC ACIDS RESEARCH, 11(12): 4229-4239 (1983).

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*John B. B...*

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10/2/99

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